

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

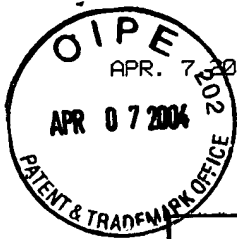
Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



APR. 7 2004 12:44PM

TTC-PA 650-326-2422

NO.812 P.1/4

PTO/SB/97 (08-00)

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted
to the Patent and Trademark Office

on April 7, 2004
date


Signature

DJ Bogorodsky

Typed or printed name of person signing Certificate

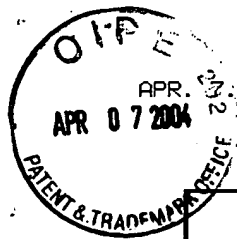
In re: application of: Philip Pan et al.
Application Number: 10/731,279
Filed: December 8, 2003
Confirmation Number: 4970
Title: Techniques for Implementing Address Recycling in Memory Circuits
Atty Docket Number: 015114-068000US SJC/djb

Being faxed to the OIPE at facsimile number 1-703-746-4060 are the following documents:

this PTO/SB/97 Certificate of Transmission (1 page);
PTO/SB/21 Transmittal Form (1 page);
PTO/SB/81 Power of Attorney (1 page); and
PTO/SB/96 Statement under 37 CFR 3.73(b) (1 page)

Number of pages being transmitted, including this page: **4**

60186702 v1



APR 07 2004 12:44PM TTC-PA 650-326-2422

NO.812 P.2/4

PTO/SB/21 (08-03)

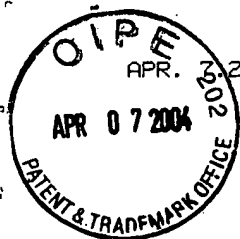
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/731,279	
	Filing Date	December 8, 2003	
	First Named Inventor	Pan, Phillip	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	4	Attorney Docket Number	015114-068000US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> PTO/SB/81 Power of Attorney (1pg) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/97 Certificate of Transmission (1pg) this PTO/SB/21 Transmittal Form (1pg) PTO/SB/96 Statement under 37 CFR 3.73(b) (1pg)
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	Townsend and Townsend and Crew LLP Steven Cahill Reg. No. 44,578	
Signature		
Date	April 7, 2004	

CERTIFICATE OF TRANSMISSION		
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 746-4060 on April 7, 2004		
Typed or printed name	DJ Bogorodsky	
Signature		Date April 7, 2004

60188707 v1



APR. 7 2004 12:44PM TTC-PA 650-326-2422

NO.812 P.3/4

Please type a plus sign (+) inside this box →

PTO/SB/81 (08-05)

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	10/731,279
	Filing Date	December 8, 2003
	First Named Inventor	Philip Pan
	Title	TECHNIQUES FOR IMPLEMENTING ADDRESS RECYCLING IN MEMORY CIRCUITS
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	15114-068000US

I hereby appoint:

☒ Practitioners at Customer Number
OR

26059

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.
OR☐ Firm or
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/95).**SIGNATURE of Applicant or Assignee of Record**

Name Derek E. Minihane, Esq. Director, Intellectual Property Law and Assistant Secretary

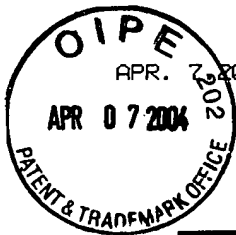
Signature

Date

12/5/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

60086093 v1



APR. 7 2004 12:44PM

TTC-PA 650-326-2422

NO.812 P.4/4

PTO/SB/86 (08-03)
Attorney Docket No. 015114-068000US
Client Ref. A1041

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Phillip Pan et al.Application No./Patent No.: 10/731,279 Filed/Issue Date: December 8, 2003Entitled: TECHNIQUES FOR IMPLEMENTING ADDRESS RECYCLING IN MEMORY CIRCUITSAltera Corporation, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 014403 Frame 0694, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

12/5/03

Date

Signature

Derek E. Minihaue

Typed or printed name

Director, Intellectual Property Law
and Assistant Secretary

Title

60086096 v1